

Scientific and Technical Information Center

SEARCH REQUEST FORM

Requester's Full Name: Robert (Peterson) Shiao Examiner #: 79521 Date: 5/24/07
 Art Unit: 1626 Phone Number: 2-0707 Serial Number: 10/505,460
 Location (Bldg/Room#): REM (Mailbox #): 5410 Results Format Preferred (circle): PAPER DISK

To ensure an efficient and quality search, please attach a copy of the cover sheet, claims, and abstract or fill out the following:

Title of Invention: process for production of hebearyl-type
 Inventors (please provide full names): Myamura et al

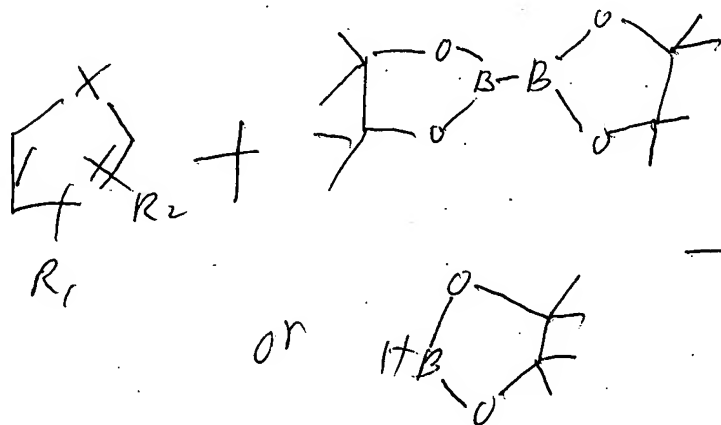
Earliest Priority Date: _____

Search Topic:

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc., if known.

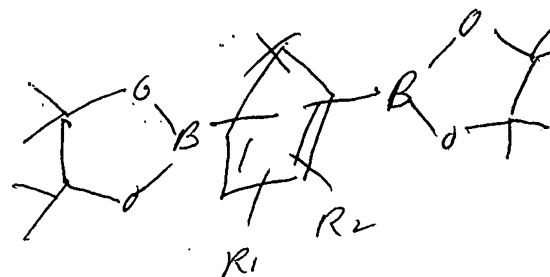
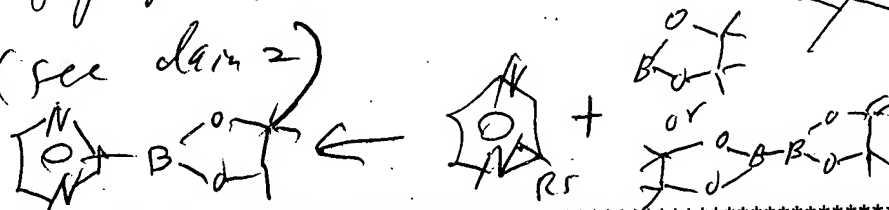
For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

In sub a process of making epd(V) or (V2)
 by: (see claim 1)



* X is O, N, or S
 * R1, R2 is sub
 * or R1 and R2 form a phenyl ring

In sub a process of making
 pro pignity epd VII or IX
 (see claim 2)



STAFF USE ONLY

Type of Search

Vendors and cost where applicable

STN

Dialog

=> file registry

FILE 'REGISTRY' ENTERED AT 10:20:36 ON 25 MAY 2007

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2007 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 24 MAY 2007 HIGHEST RN 935837-89-1

DICTIONARY FILE UPDATES: 24 MAY 2007 HIGHEST RN 935837-89-1

New CAS Information Use Policies, enter HELP USAGETERMS for details.

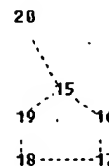
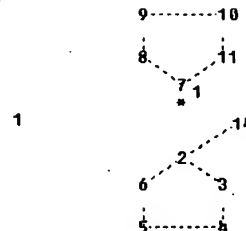
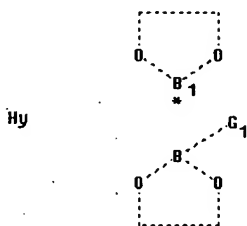
TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

Please note that search-term.pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

Uploading L7.str



chain nodes :
1 14 20

ring nodes :
 2 3 4 5 6 7 8 9 10 11 15 16 17 18 19
 chain bonds :
 2-14 15-20
 ring bonds :
 2-3 2-6 3-4 4-5 5-6 7-8 7-11 8-9 9-10 10-11 15-16 15-19 16-17 17-18
 18-19
 exact/norm bonds :
 2-3 2-6 2-14 3-4 4-5 5-6 7-8 7-11 8-9 9-10 10-11 15-16 15-19 15-20
 16-17 17-18 18-19

G1:H, [*1]

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
 11:Atom 14:CLASS 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom 20:Atom

Generic attributes :

1:

Saturation : Unsaturated

20:

Saturation : Unsaturated

fragments assigned product role:

containing 15

fragments assigned reactant/reagent role:

containing 1

containing 2

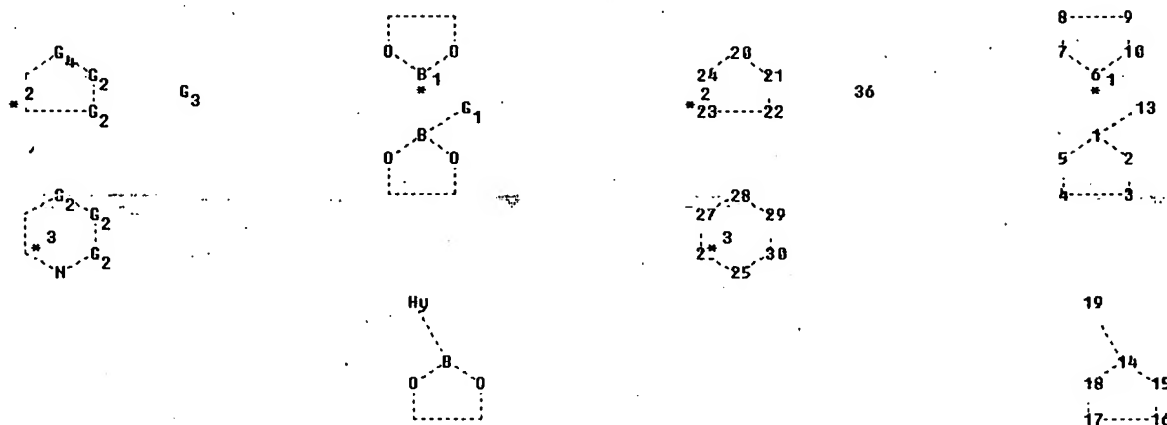
reaction site bonds:

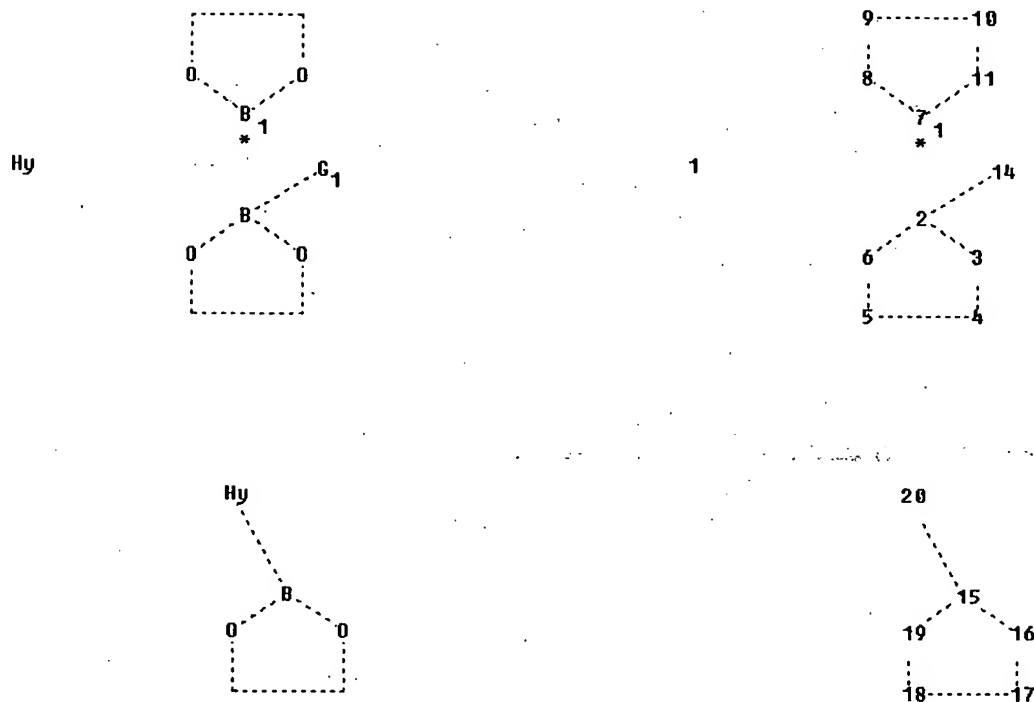
15-20:CC

node mappings:

2:15

Uploading L22.str





chain nodes :

1 14 20

ring nodes :

2 3 4 5 6 7 8 9 10 11 15 16 17 18 19

chain bonds :

2-14 15-20

ring bonds :

2-3 2-6 3-4 4-5 5-6 7-8 7-11 8-9 9-10 10-11 15-16 15-19 16-17 17-18 18-19

exact/norm bonds :

2-3 2-6 2-14 3-4 4-5 5-6 7-8 7-11 8-9 9-10 10-11 15-16 15-19 15-20 16-17 17-18 18-19

isolated ring systems :

containing 2 : 7 : 15 :

G1:H, [*1]

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 14:CLASS 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom 20:Atom

Generic attributes :

1:

Saturation : Unsaturated

20:

Saturation : Unsaturated

fragments assigned product role:

containing 15